

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of injection molding of a thermoplastic resin, comprising:

filling a mold cavity with a molten resin that preliminarily contains at least 0.2 wt% and not more than 10 wt% of carbon dioxide dissolved therein to lower its melt viscosity, while allowing the molten resin to foam at the flow front thereof; and then

pressurizing the resin in the mold cavity to at least a pressure at which the resin does not foam;

wherein a thermoplastic resin having an amount of carbon dioxide dissolved in its molten resin at the molding temperature, when carbon dioxide is supplied from a plasticizing cylinder of an injection molding machine to be dissolved in the molten resin, of not more than 0.3 wt%/MPa with respect to the pressure of the supplied carbon dioxide is used.

2. (Cancelled)

3. (Cancelled)

4. (New) The method of injection molding of a thermoplastic resin as recited in claim 1, wherein the thermoplastic resin is

selected from the group consisting of polycarbonate resin, polystyrene resin, rubber-reinforced polystyrene, modified poly(phenylene ether), crystalline polystyrene, acrylonitrile-butadiene-styrene resin, styrene-butadiene block polymer, poly(methyl methacrylate) resin, and hydrogenated styrene-butadiene block polymer.